

FIG.1

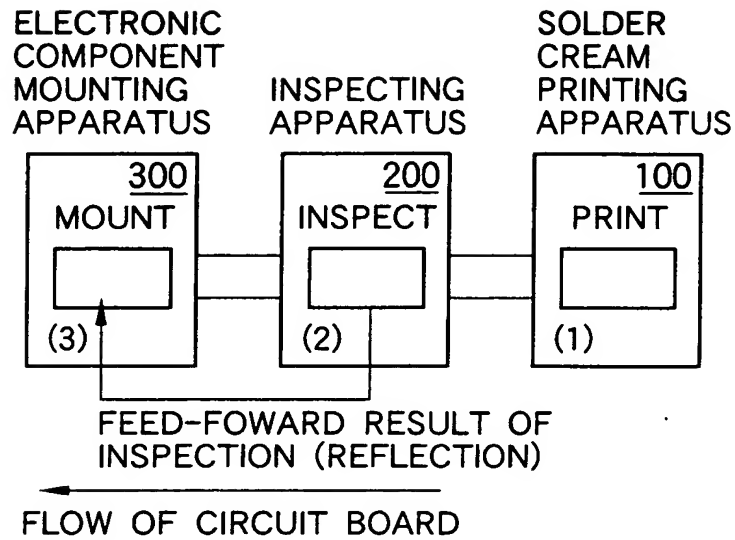


FIG.2

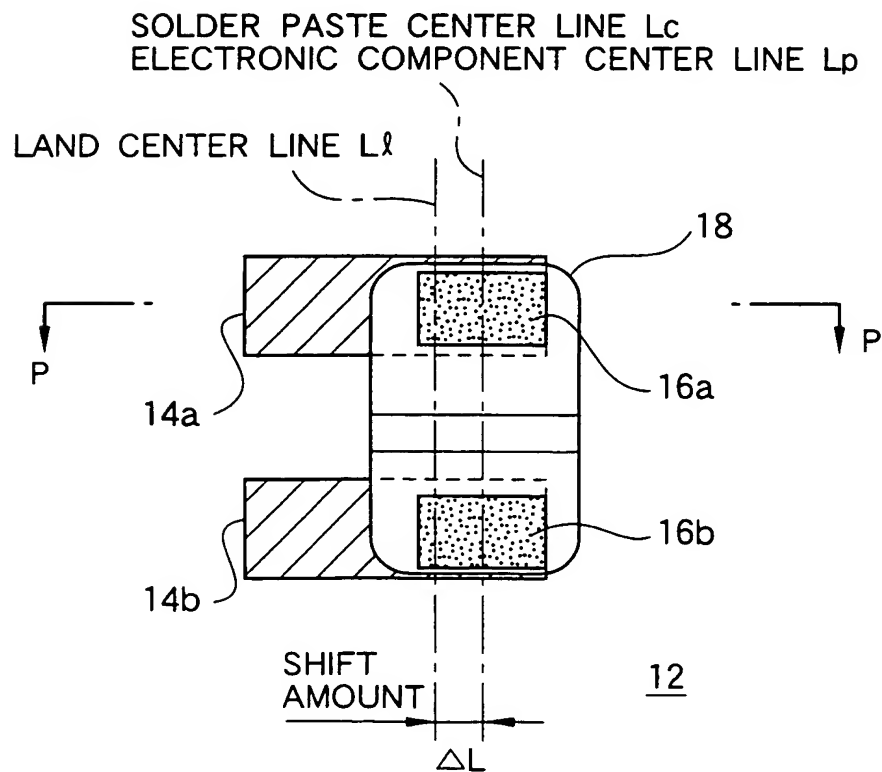


FIG.3(a)

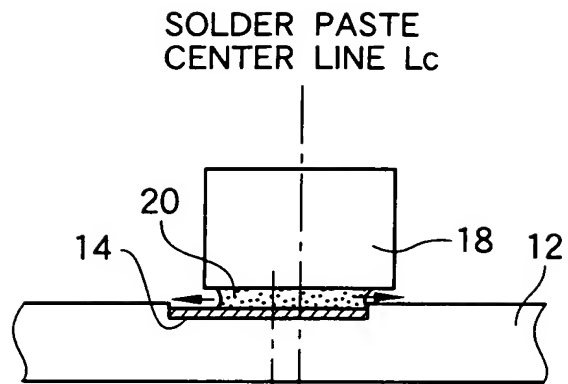


FIG.3(b)

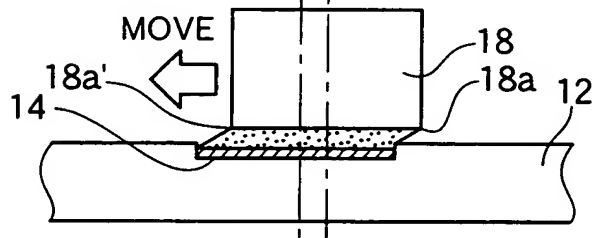


FIG.3(c)

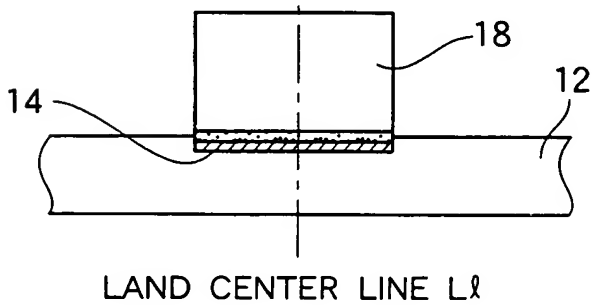


FIG.4(a)

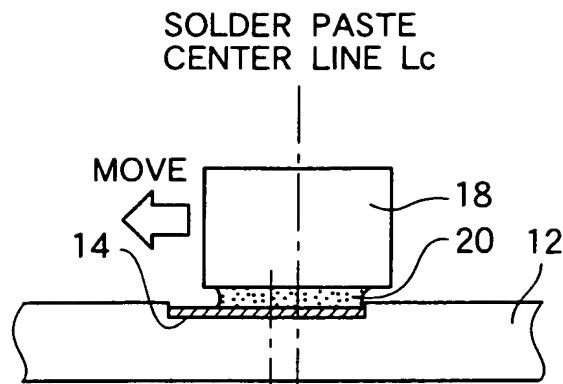


FIG.4(b)

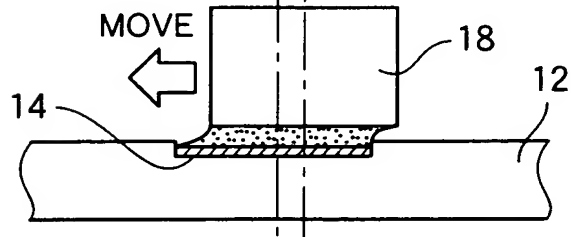


FIG.4(c)

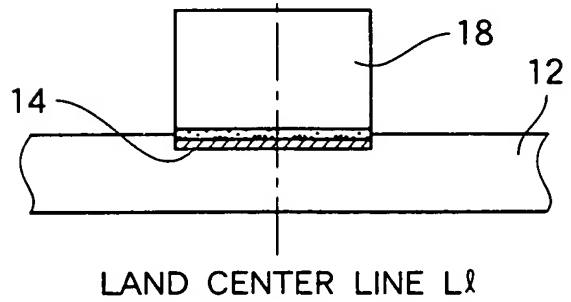


FIG.5

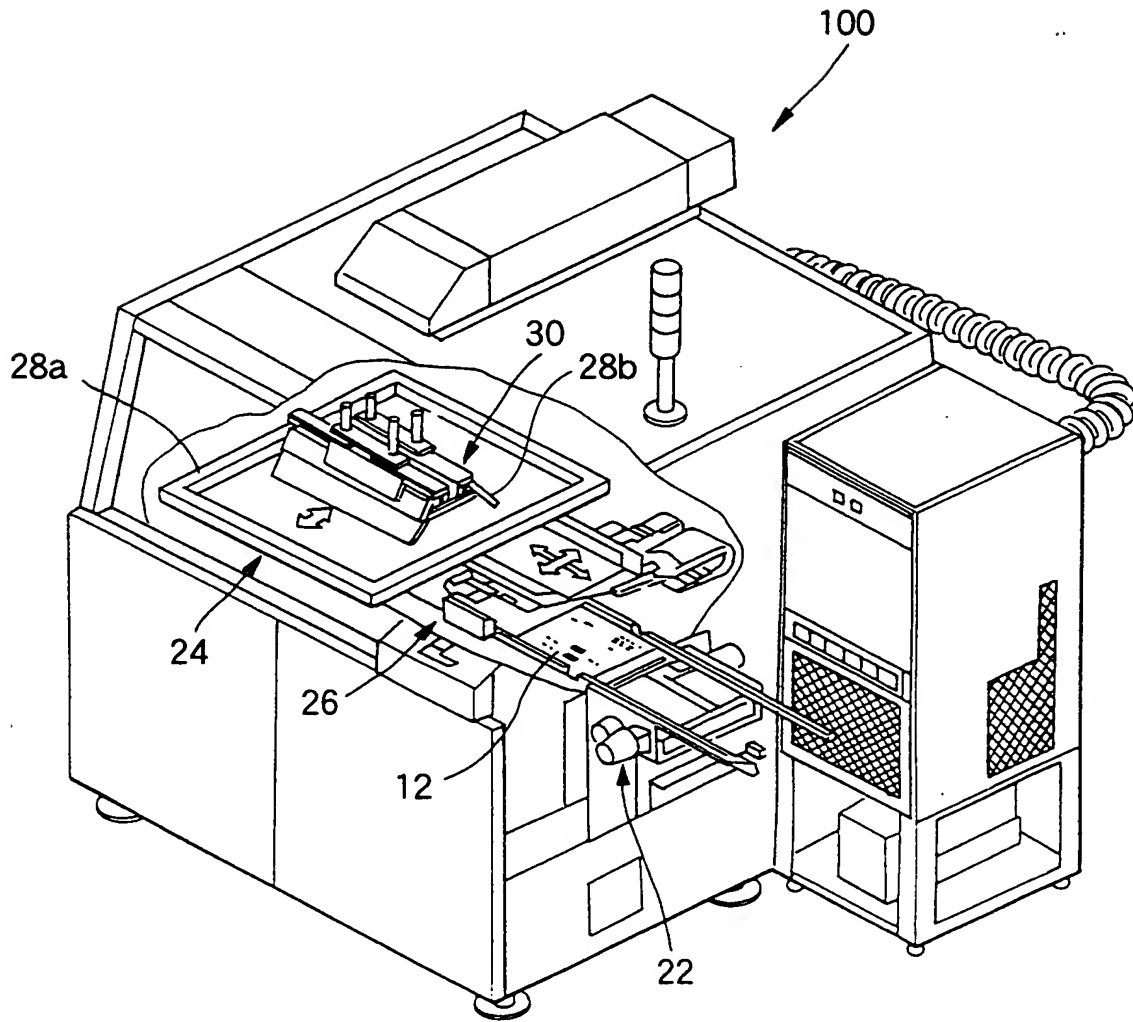


FIG.6

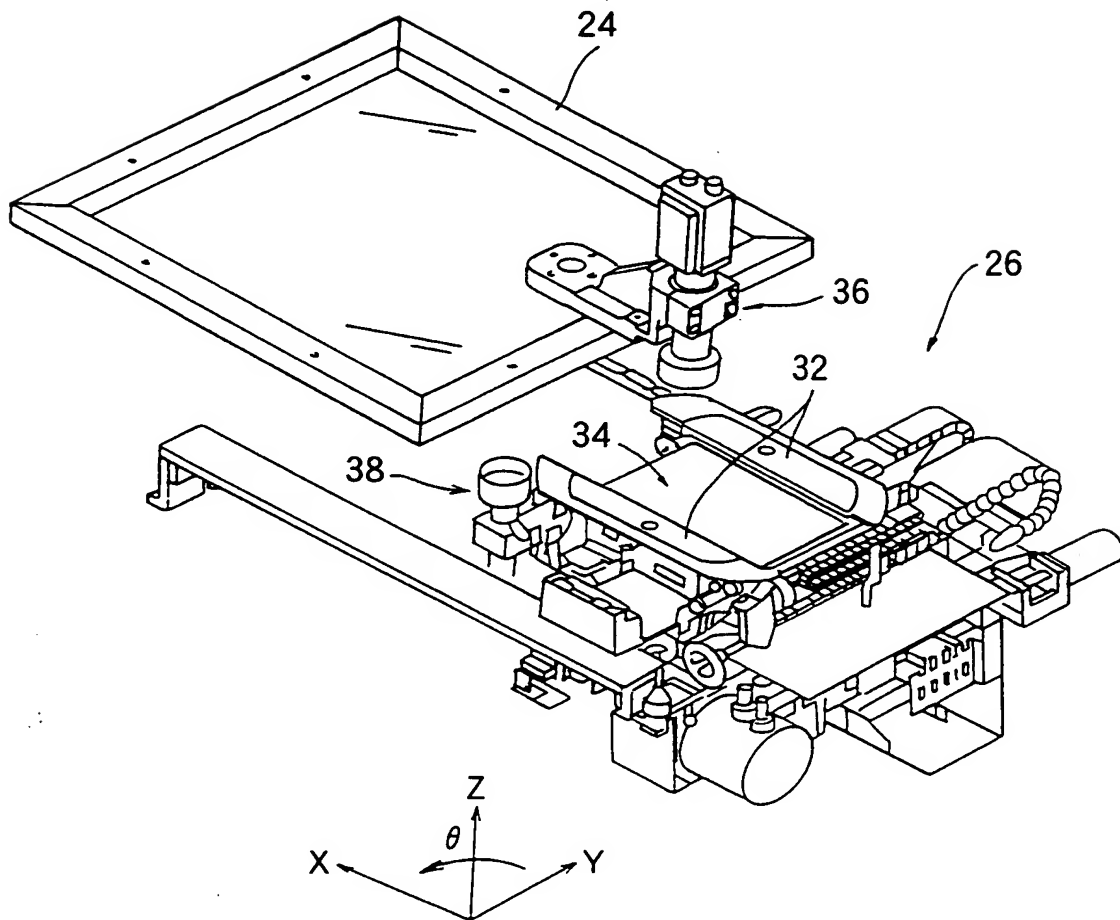


FIG.7

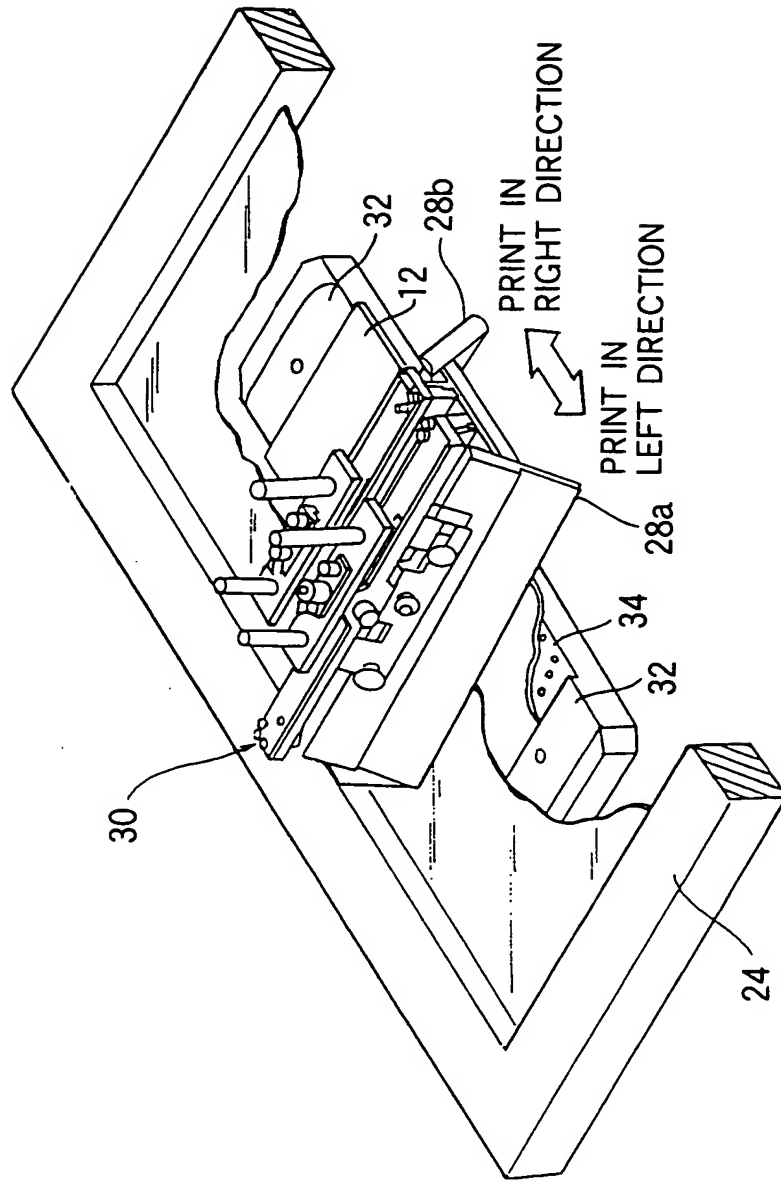
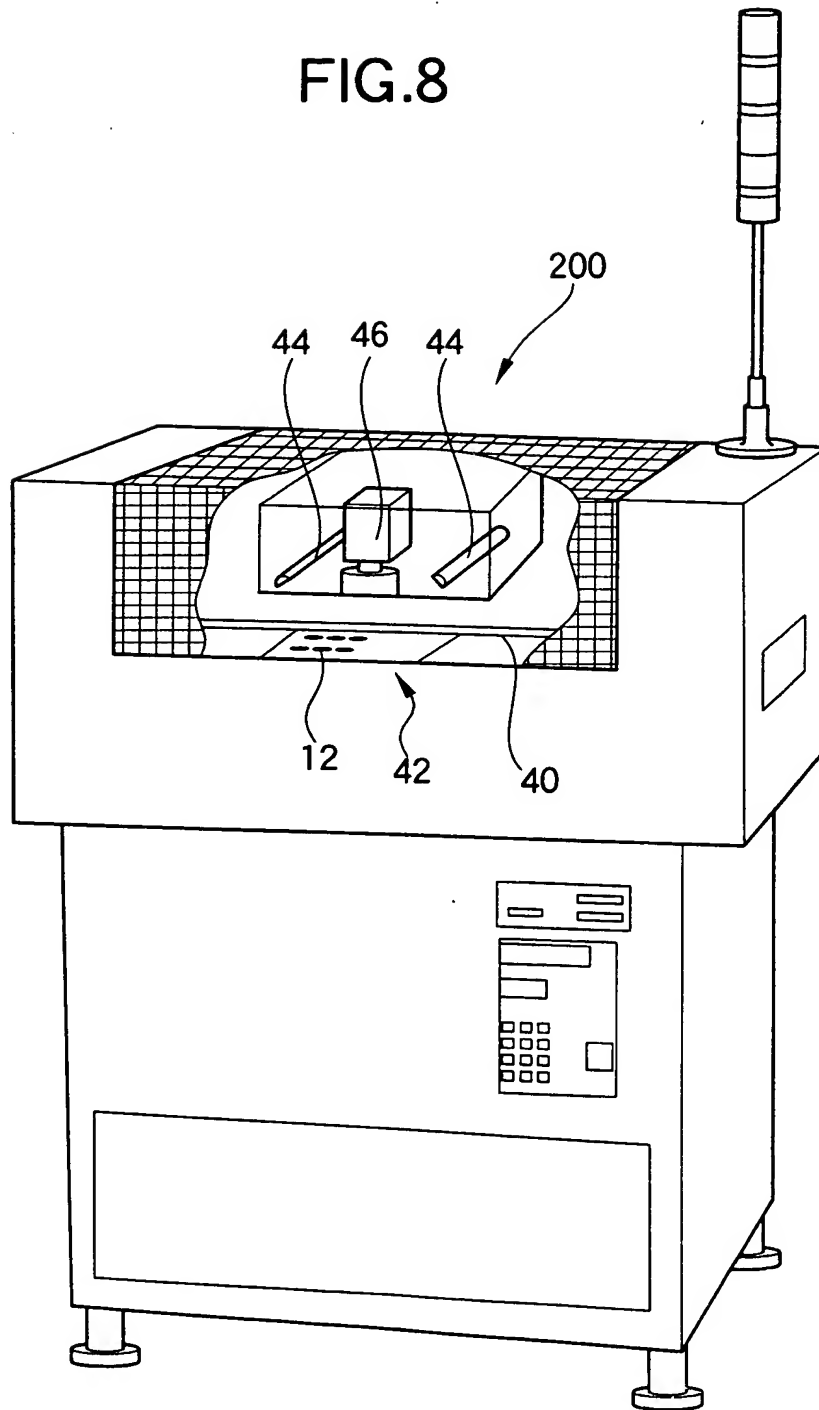


FIG.8



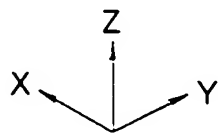


FIG.10

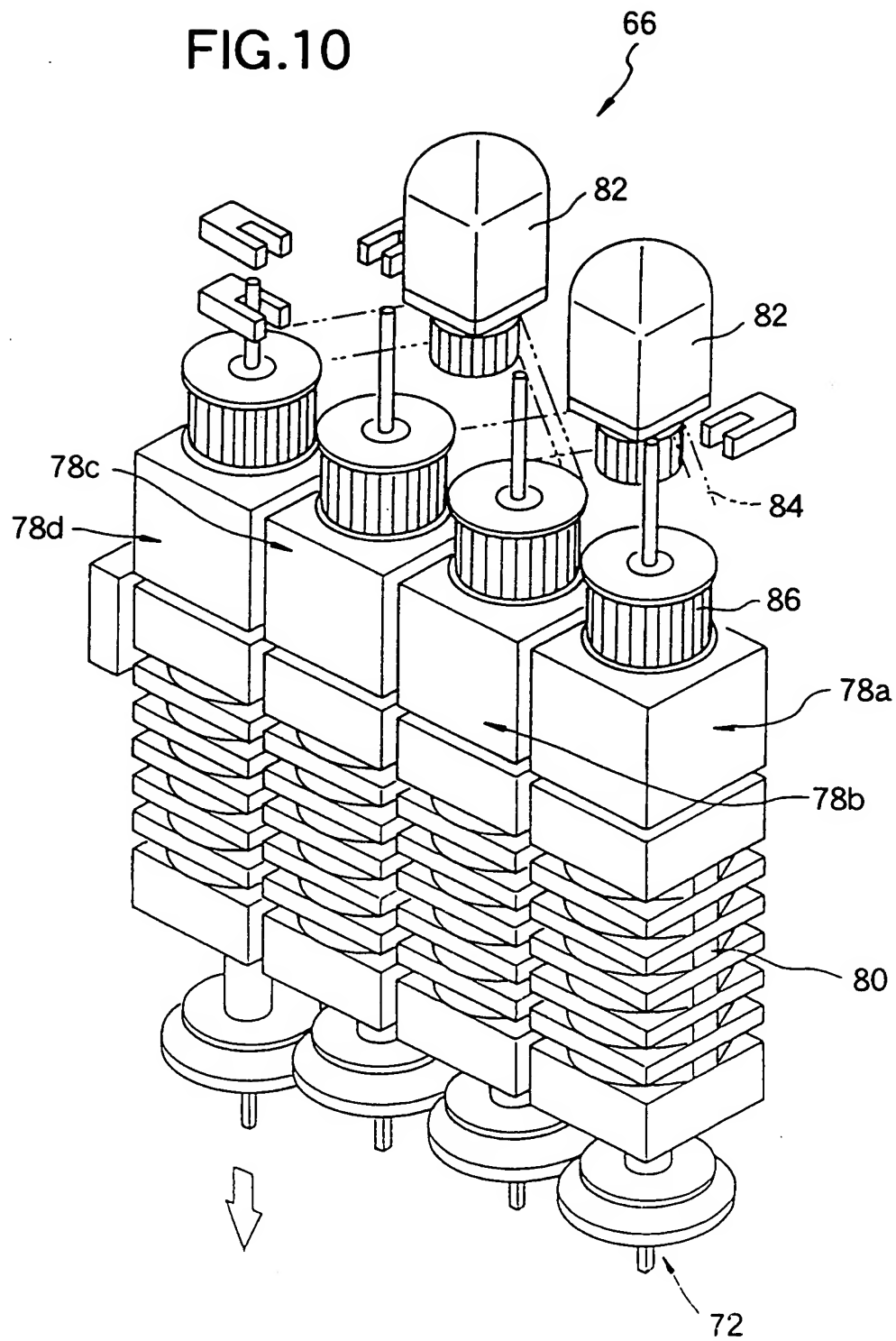


FIG.11

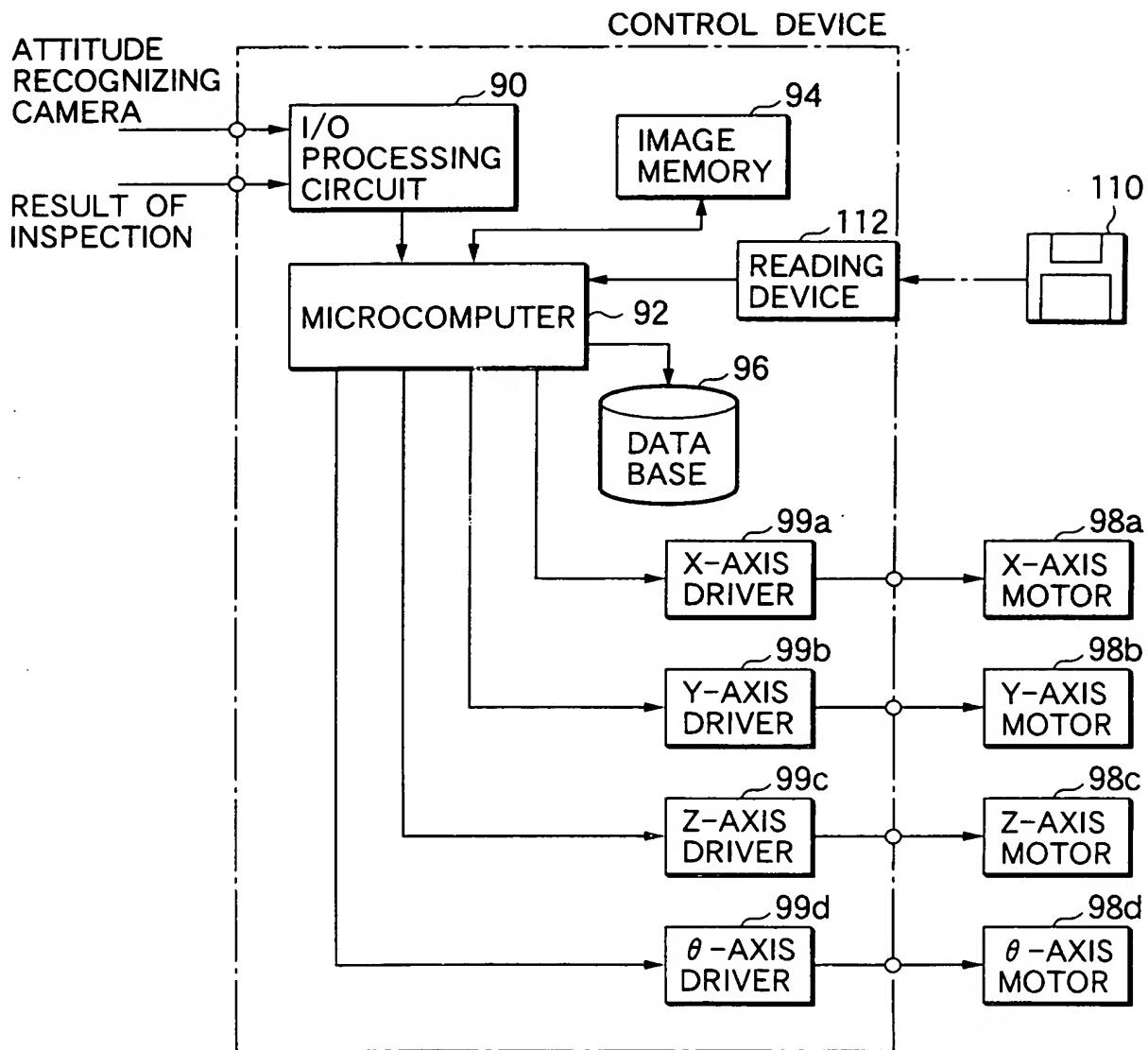


FIG.12

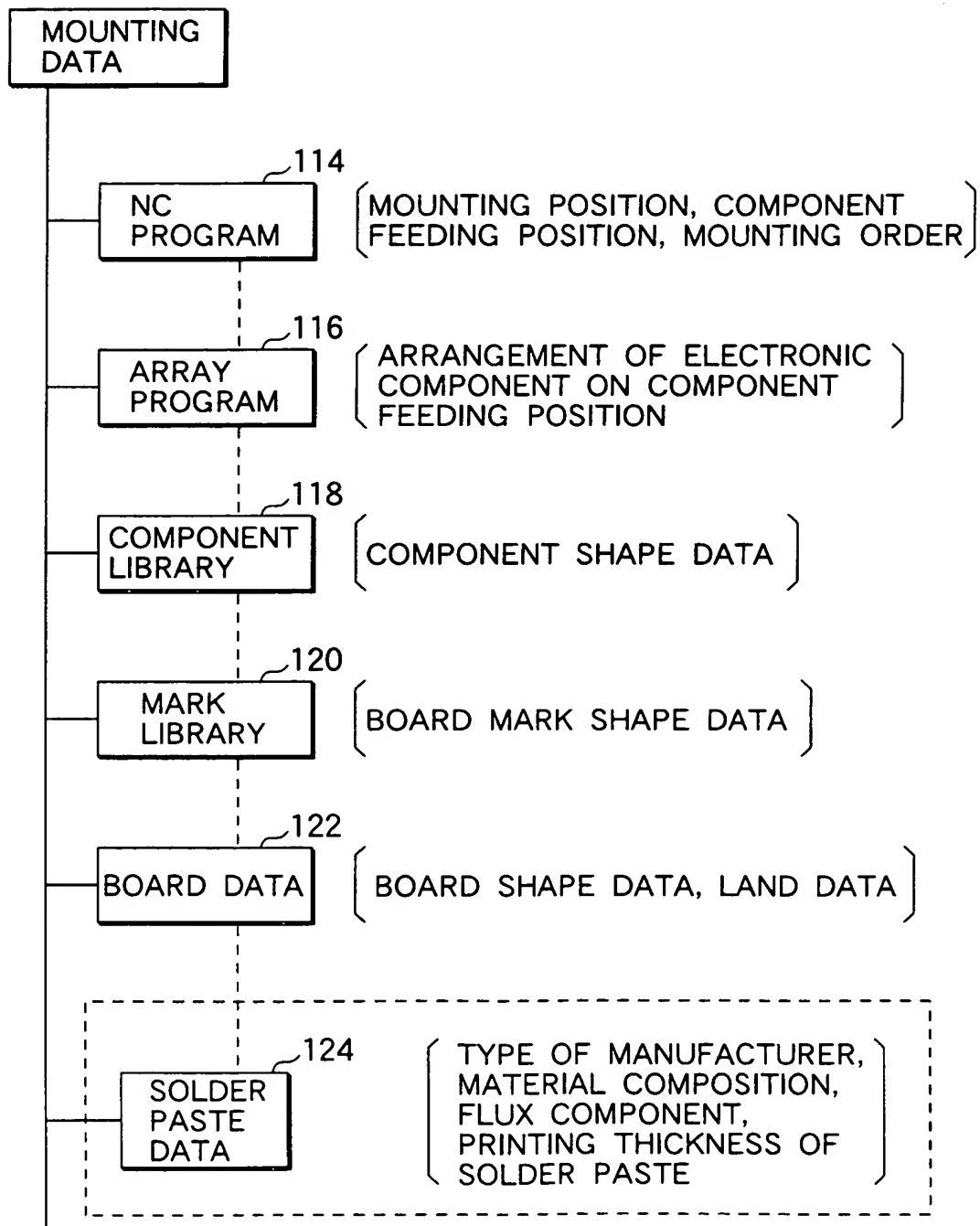


FIG.13

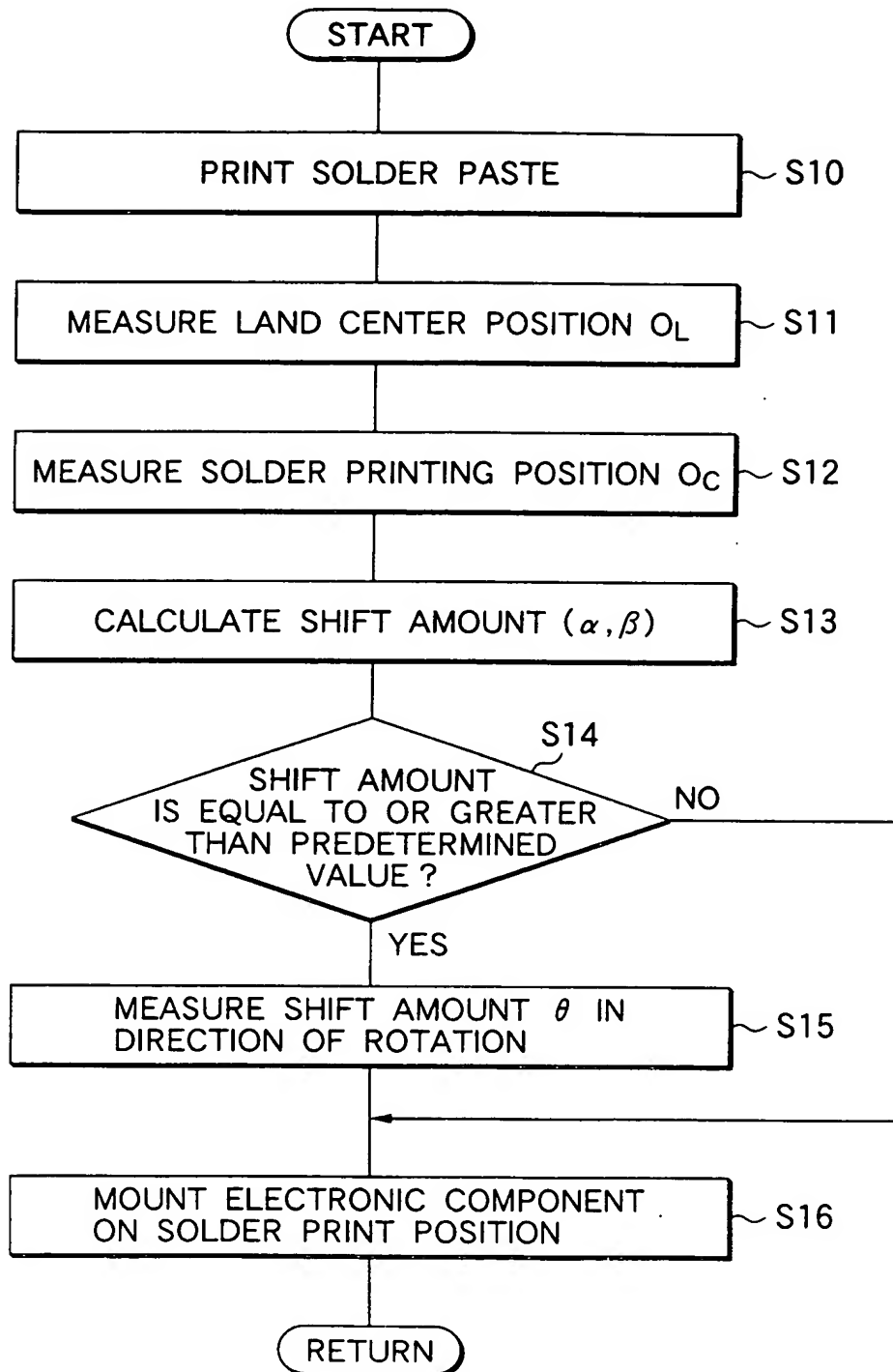


FIG.14

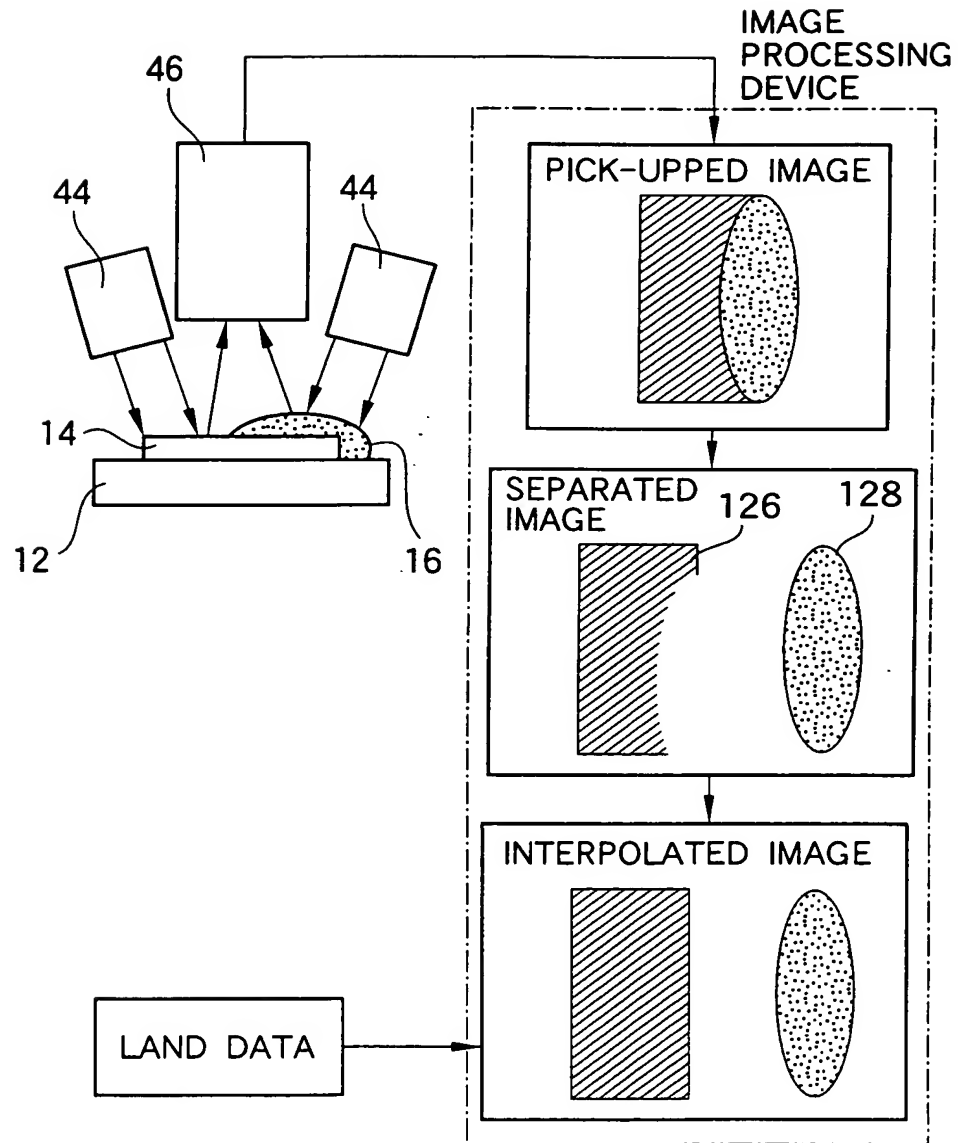


FIG.15

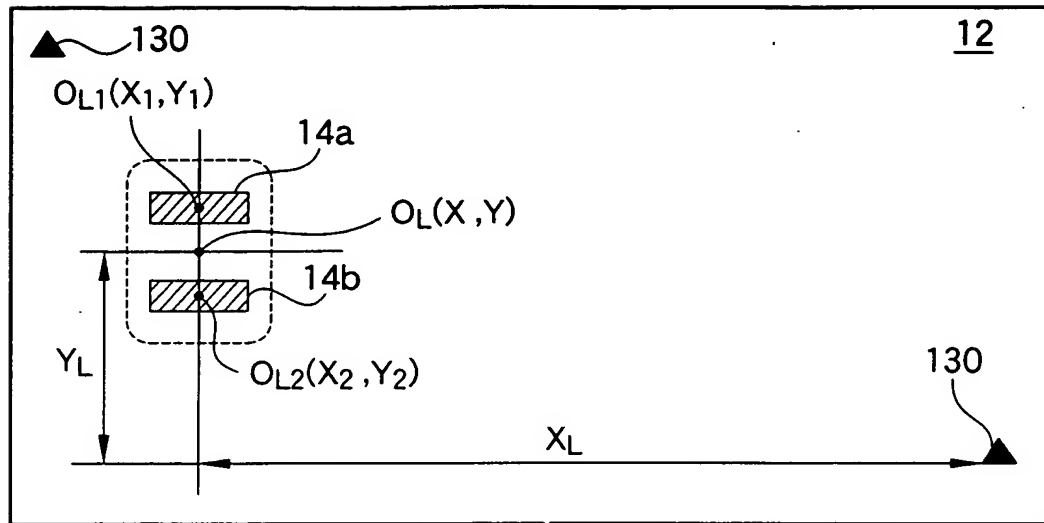


FIG.16

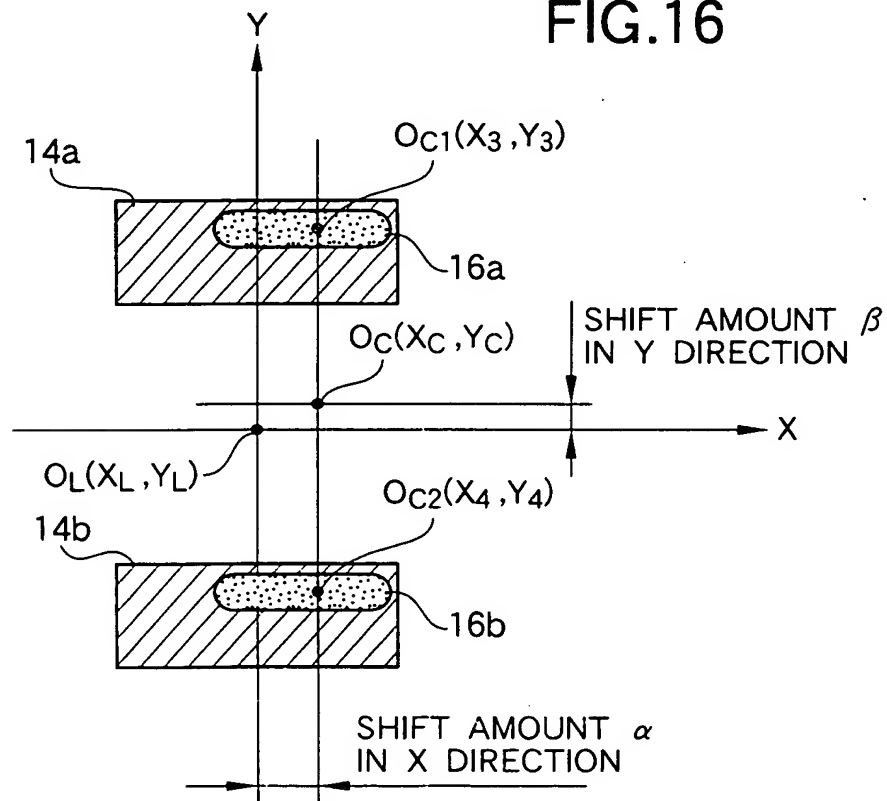


FIG.17

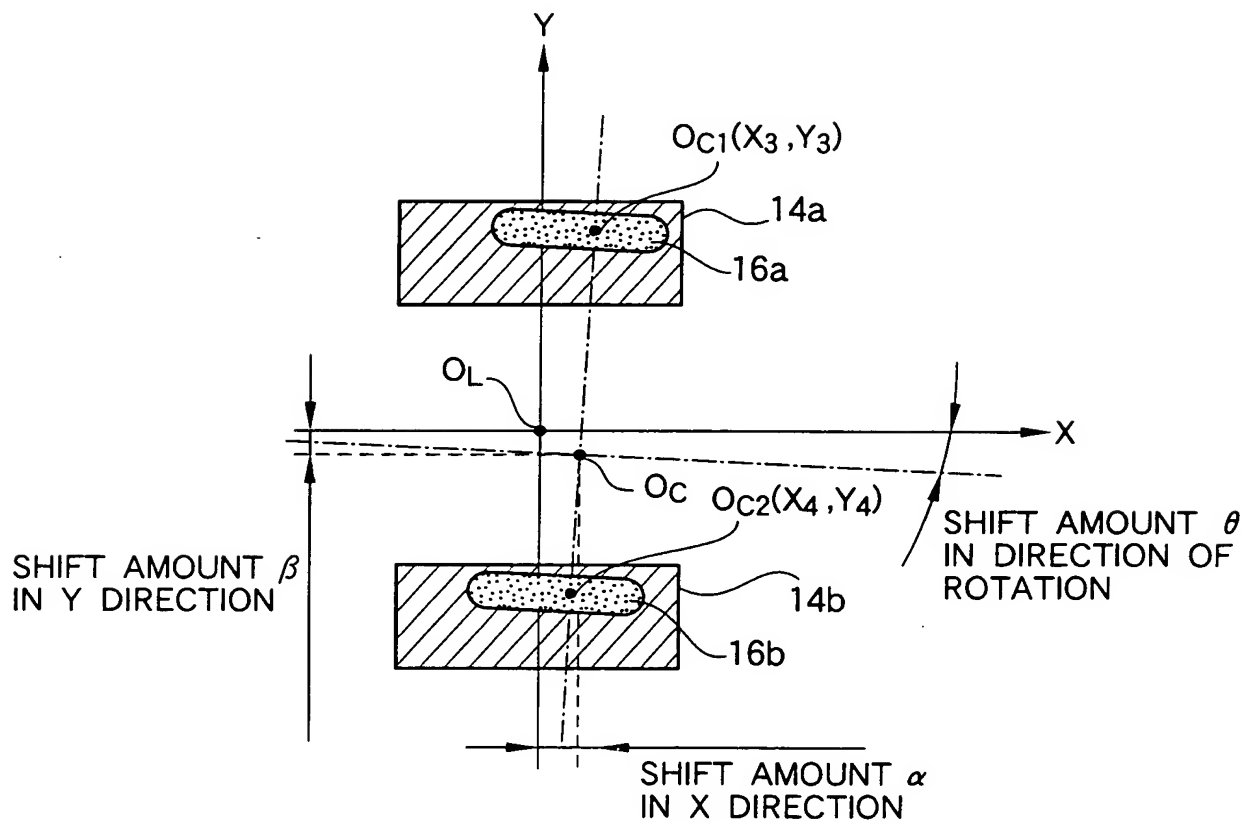


FIG.18(a)

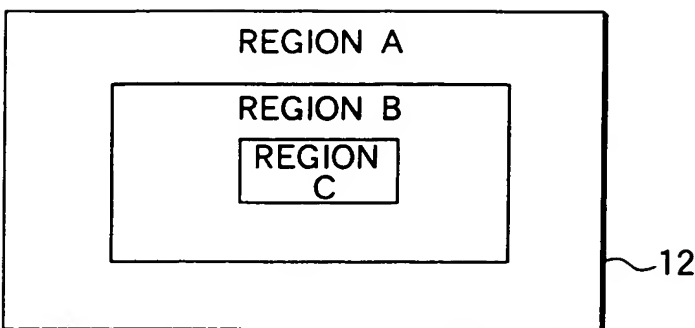


FIG.18(b)

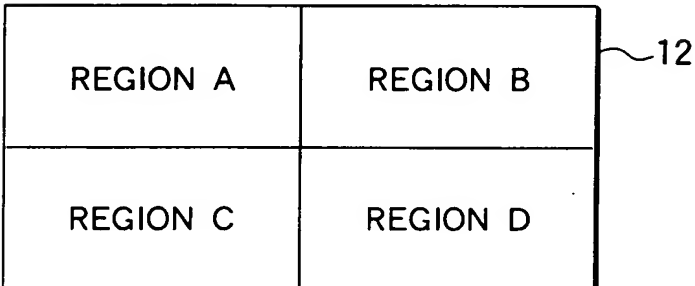


FIG.19

COMPONENT LIBRARY • BOARD DATA			SOLDER DATA		
a	COMPONENT WEIGHT		A	MATERIAL	
	SHAPE			FRICTION PROPERTY	
				VISCOSITY	
b			B		
c			C		
d			D		
⋮			⋮		

Two arrows cross each other between the two tables. One arrow starts from the 'a' row of the Component Library table and points to the 'D' row of the Solder Data table. The other arrow starts from the 'D' row of the Component Library table and points to the 'a' row of the Solder Data table.

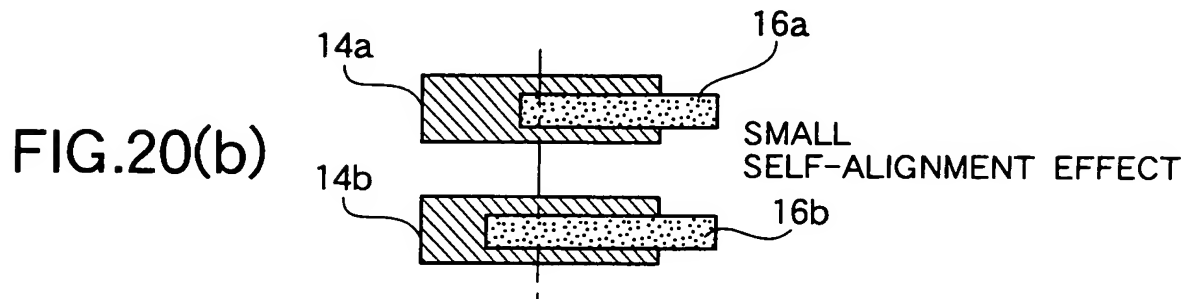
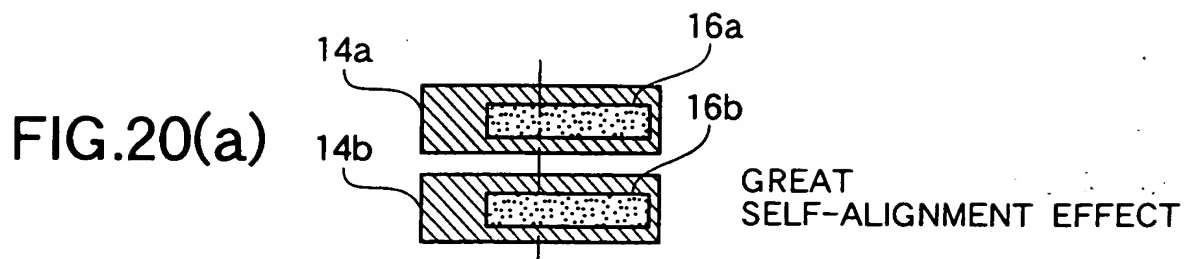
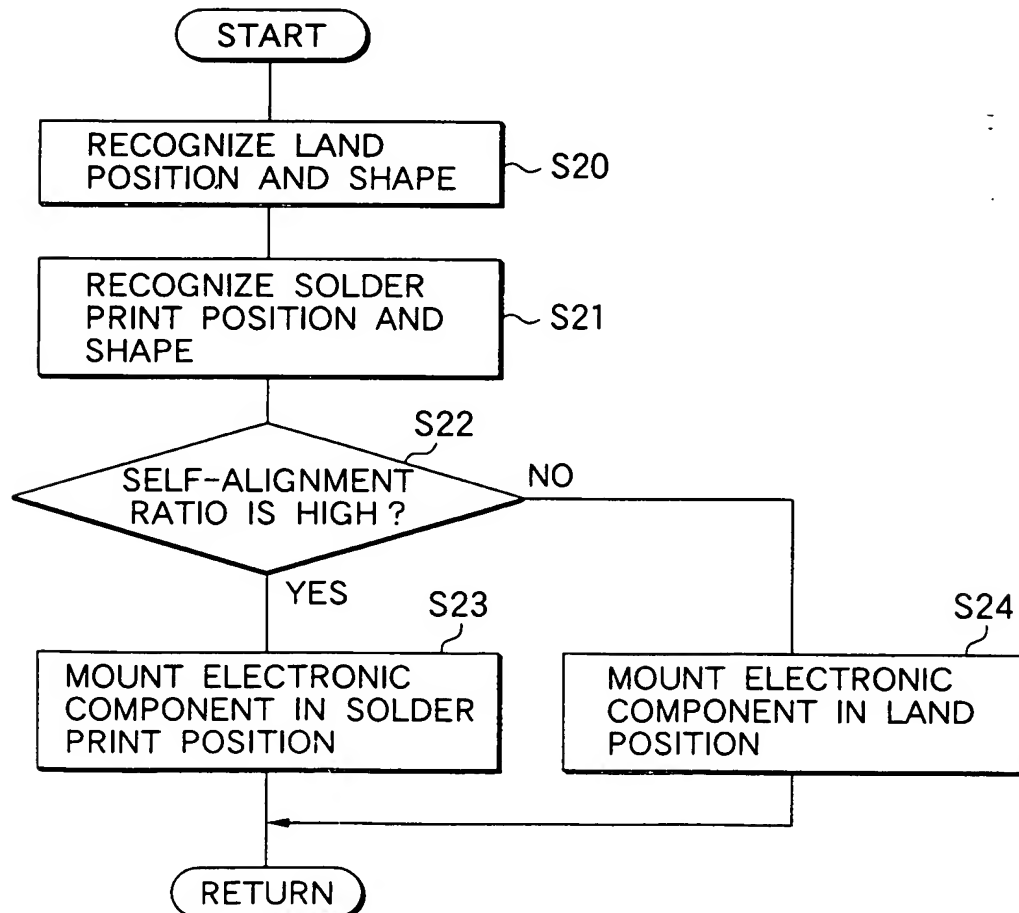


FIG.21



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FIG.22

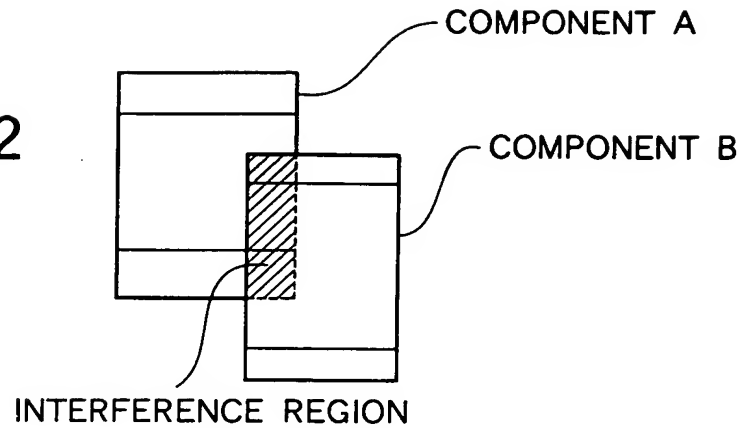


FIG.23

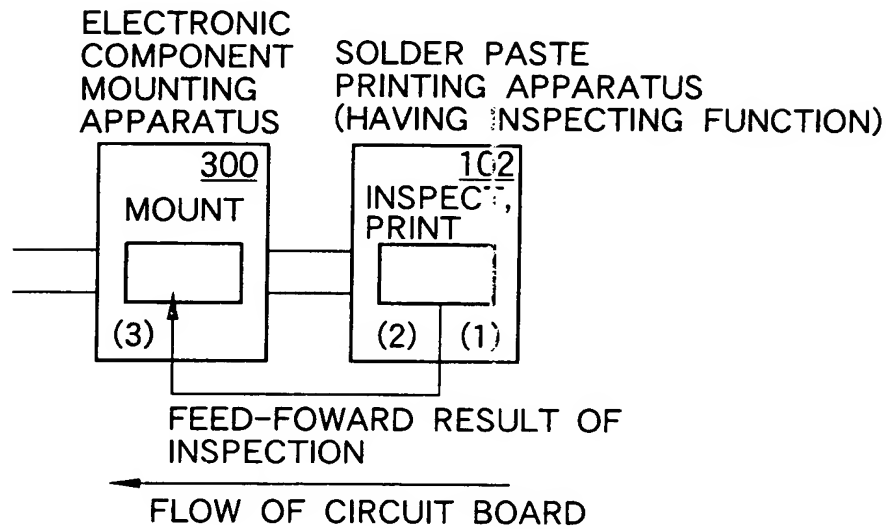


FIG.24

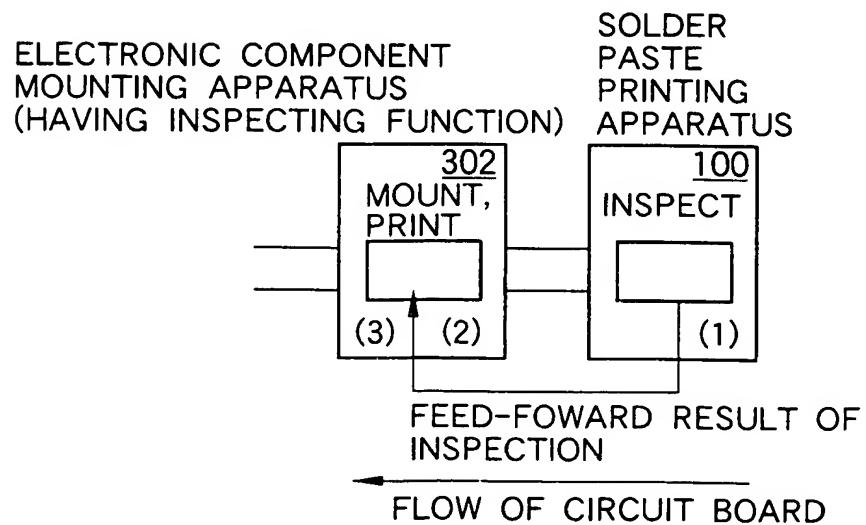


FIG.25

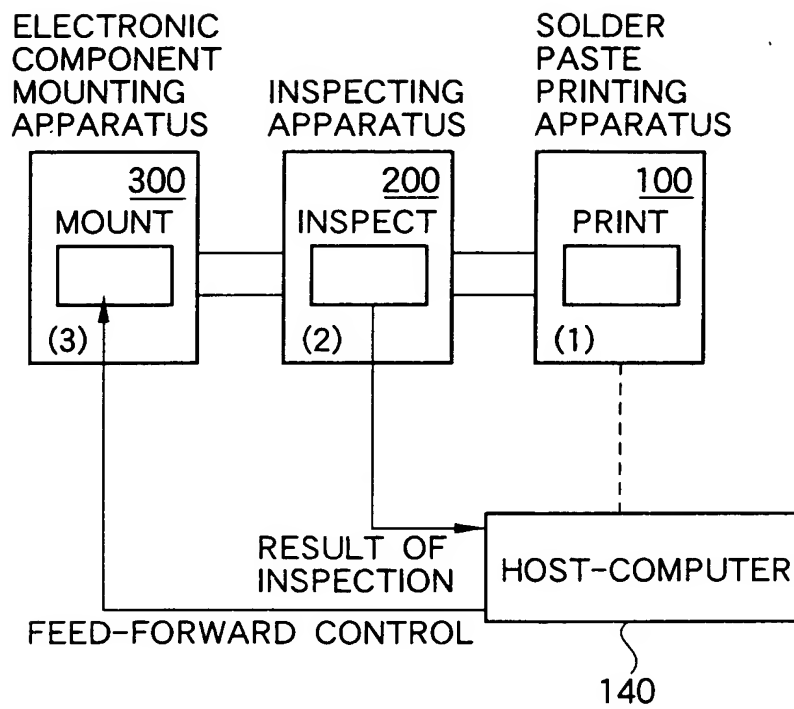


FIG.26

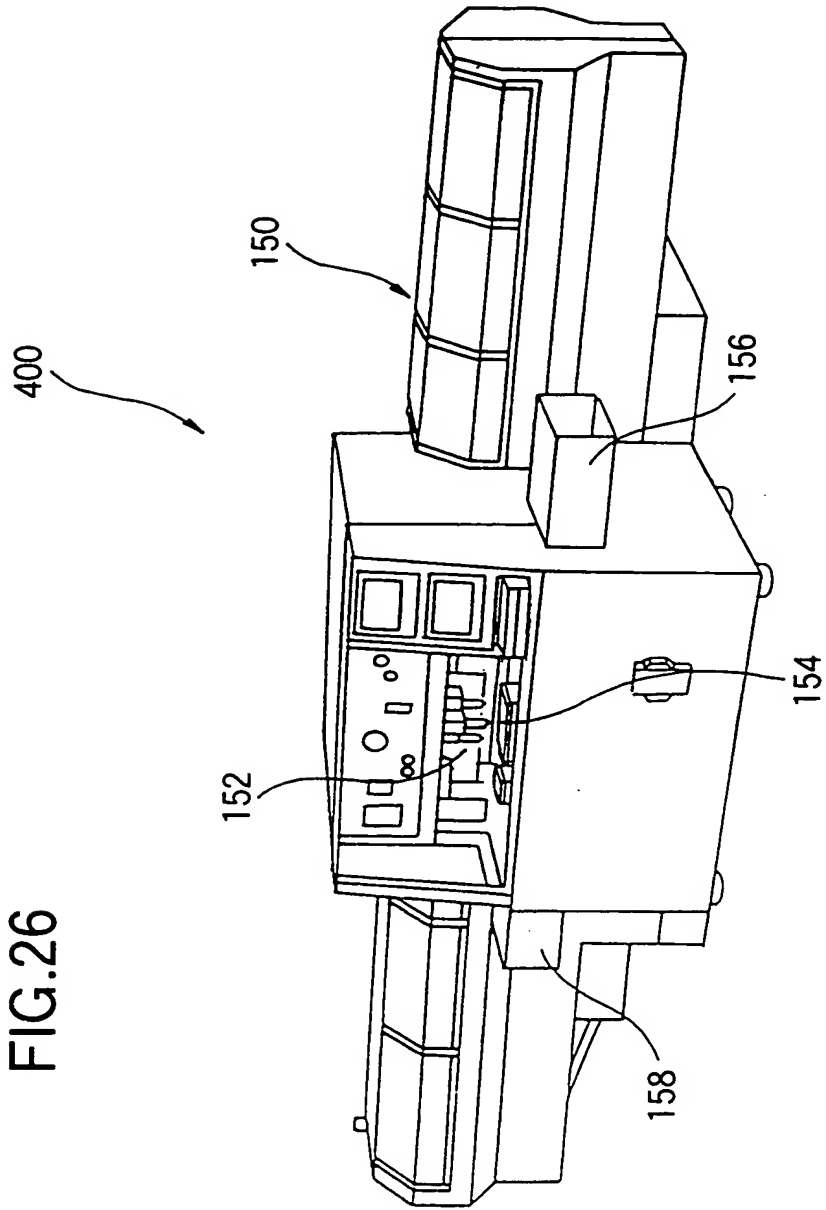


FIG.27

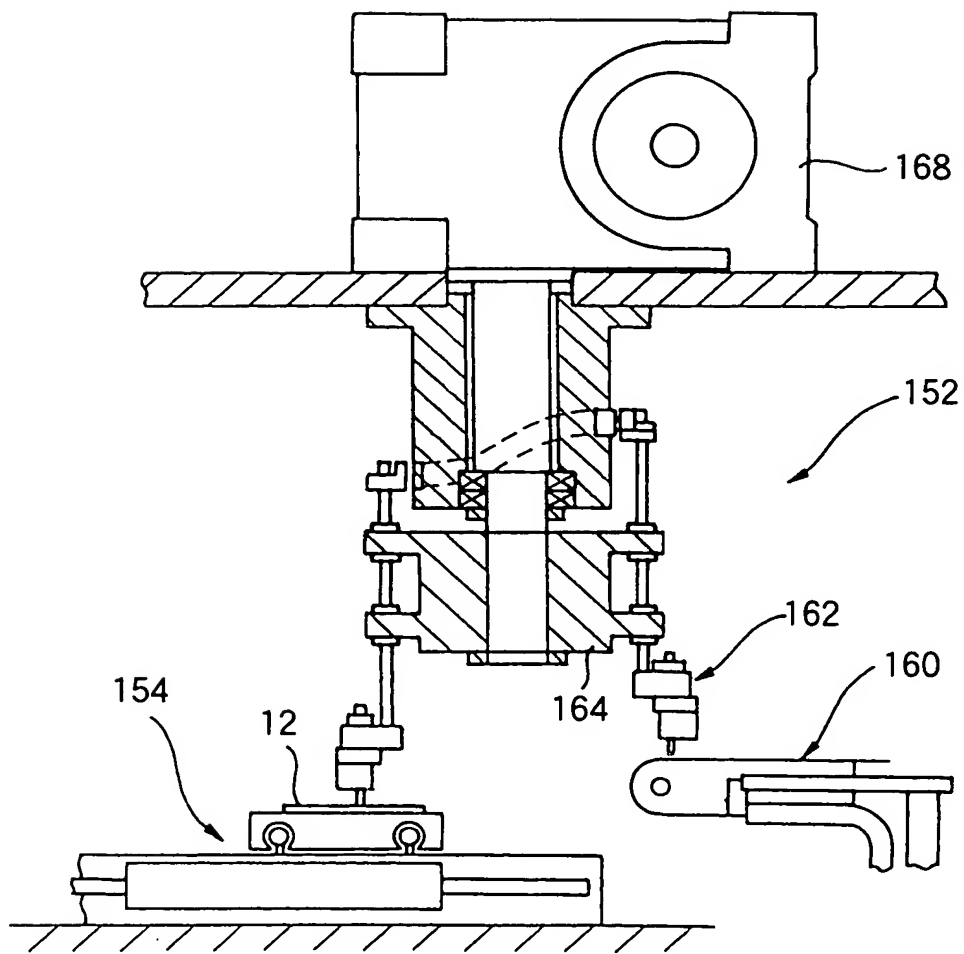


FIG.28(a)

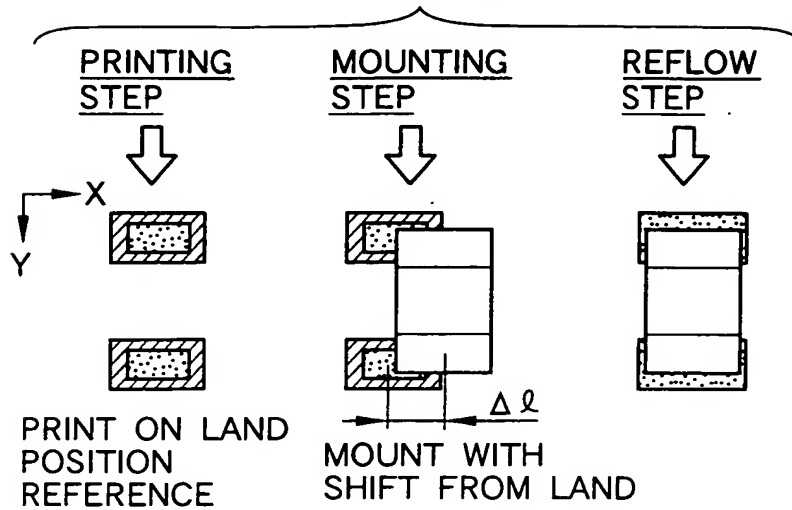


FIG.28(b)

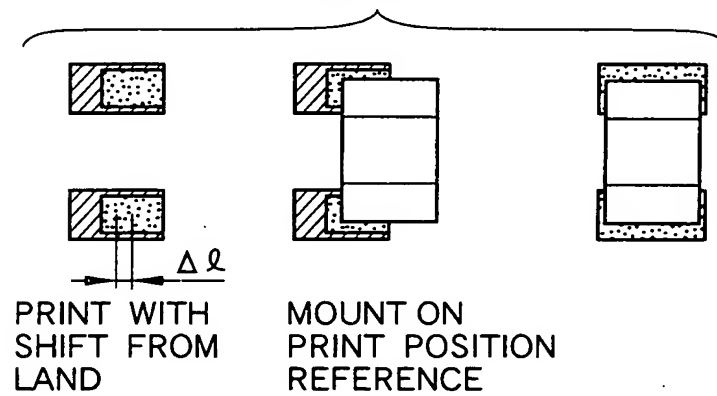


FIG.28(c)

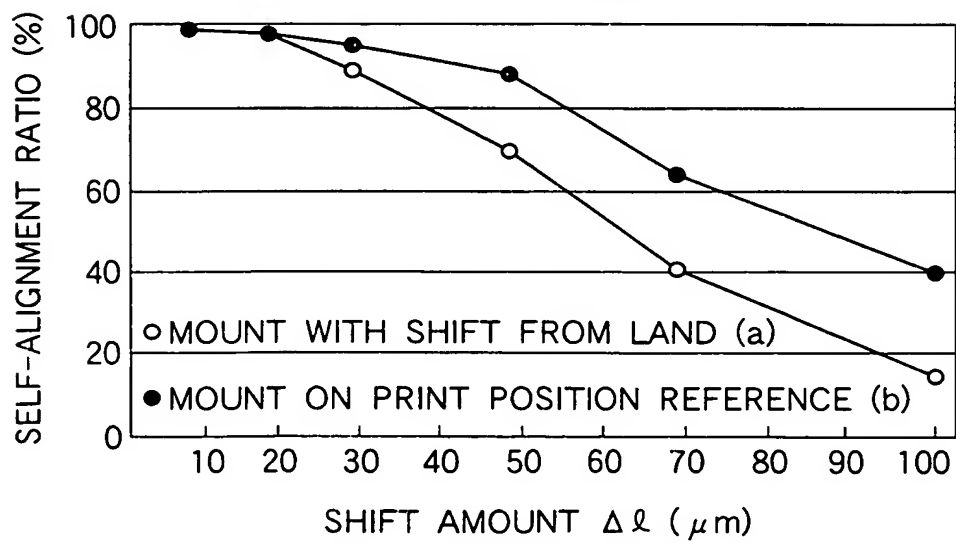


FIG.29

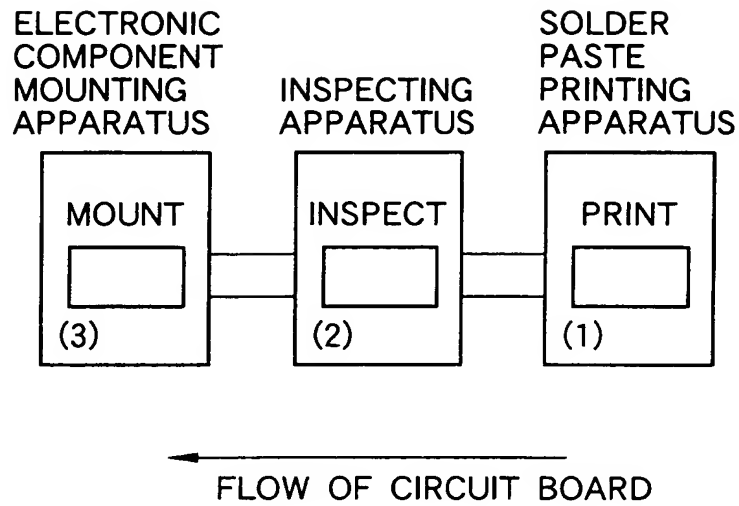


FIG.30(a)

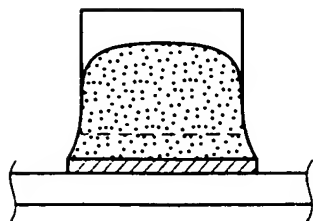


FIG.30(b)

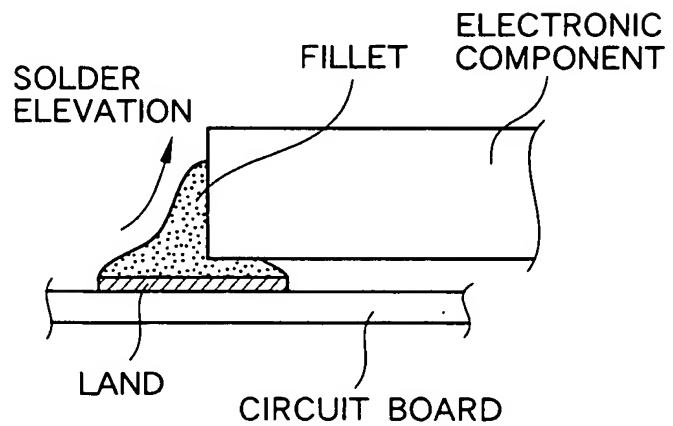


FIG.31(a)

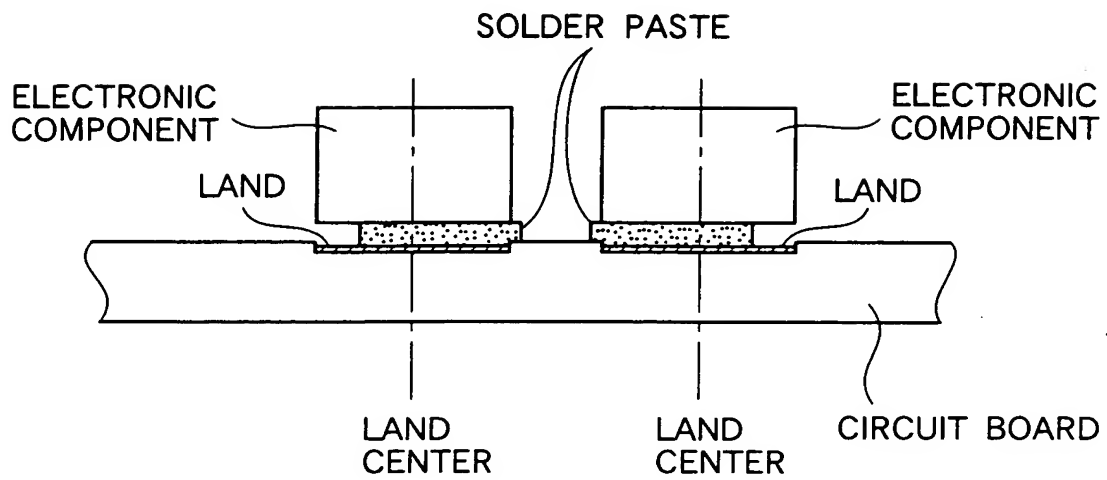


FIG.31(b)

